

Ser. No. 10/687,065

In the Specification:

Please amend the paragraph at page 3, lines 15 to 28, to read as follows:

-- In a preferred embodiment, the unit mounts in the ceiling in the rest room, lounge, or other building zone, and can either connect with a general HVAC duct system or simply vent air back into the room. In a preferred example, there is a vent pipe or duct, with a small vent fan, and at the inlet grille there is an optical intrusion detector to detect tampering or blocking of flow of air. This detects a cover, if placed over the grille, and detects ~~fit~~ items being inserted through the grille, if that occurs. A smoke detecting sensor is mounted within the air flow in the pipe or duct. If smoke enters the vent pipe, the detector senses it, and a small sender associated with the detector signals to the central monitor station elsewhere in the building, and can sound an alarm. There may or may not be a local alarm as well, i.e., to alert the smoker that his or her smoking has been detected. Also, if there is any tampering detected, i.e., by the optical detector, then that also sends a signal to the control panel at the monitor station. A display at the monitor station shows (a) if either smoke or tampering is detected, or both, and (b) the identity or location of the sensor, e.g., second floor women's bathroom, break room, etc. There may also be an air flow detector that signals if there is blockage of air flow, and whether the fan is working. --

Please amend the paragraph at page 4, lines 10 to 11, to read as follows:

-- Fig. 2 is a front elevation of control panel of a central monitoring station according to this embodiment; ~~the cover being partly cut away in this view.~~

Fig. 3 shows the control panel thereof with its door closed. --

Please amend the paragraph at page 5, lines 8 to 11 to read as follows:

-- Similar detection units 10 are installed in each of the zones that need to be monitored, i.e., men's rest rooms, ladies' rest rooms, employee lounges, etc, for compliance with smoking rules. Each of the detection units would be wired to communicate between its respective zone and the control panel 34. --

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Please amend the paragraph at page 5, line 24 to page 6, line 9 to read as follows:

-- The printed circuit board 50 within the control panel is powered by a standard 110-120 volts. The board will have terminal strips for the three zones (in this embodiment) and a common output. Preferably, the board 50 is mounted on the inside of the cover or door 36 of the panel. The reset switch 52 and silence switch 53 are mounted on the board 50 inside the locked control panel, so that the system will continue to give a smoke detection or tampering indication, or both, for the zone in question until all alarm trips, tamper trips, and service signal have been cleared. Also, inside the control panel is a silence switch, or switches, that will silence all alarms for smoking, tamper, and service. The audible alarm may be constituted by the buzzer sounding constantly for smoke or tamper occurrences, and a broken or intermittent signal for service alarms, e.g., one second of buzzing followed by nine seconds of silence each ten seconds. The signals here may be coded, i.e., one buzz for zone one, two buzzes for zone two, etc. The card and service requirement LEDs 48 also serve to indicate the operative/inoperative status of the respective detection units 10, i.e., operability of the smoke detector 22, the tamper detector 30, and the flow switch 28. --